

West End Lane, Henfield Proposed Access Works Stage 1 Road Safety Audit

Prepared by



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Appendix A: Drawings and documents provided

Appendix B: Plan of items raised by this audit

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1 INTRODUCTION

1.1 This report results from a Stage 1 Road Safety Audit carried out on highway works relating to the provision of a new priority junction off West End Lane, Henfield together with minor channel line realignment to facilitate a 1.5 metre wide footway link. The audit was carried out during July 2023.

1.2 The audit team consisted of:

Team Leader: Naresh Madhavan MCIHT, MSoRSA EU RSA Cert. Comp
Director
Highway Associates

Team Member: Robin Sawczyn BEng MCIHT MSoRSA
Senior Road Safety Engineer
Highway Associates

1.3 The audit took place at the offices of Highway Associates, Chester. The Road Safety Audit was undertaken in accordance with the Road Safety Audit Brief provided by Amol Pisal of Magna Transport Planning. The Road Safety Audit comprised an examination of the documents provided and these are listed in Appendix A.

The site was visited at the following times/conditions:

Day/Date	Time	Weather Con	Traffic Flow
Sun 30 th Jul 2023	16:30 – 17:10hrs	Dry/Cloudy	Ave

1.4 The terms of reference for this audit are as given in GG119, Design Manual for Roads and Bridges. The scheme has been examined and this report compiled only with regard to the safety implications for road users of the scheme as presented. It has not been examined or verified for compliance with any other standards or criteria. However, in order to clearly explain a safety problem or the recommendation to resolve a problem, the Audit Team may on occasion have referred to a design standard for information only. Any audit comments should not be construed as implying that a technical audit has been undertaken in any respect.

- 1.5 If relevant within this report the generic term “pedestrians” can include walking pedestrians, wheelchair users, dismounted cyclists, the blind, partially sighted, mobility impaired and people with prams or pushchairs. Highway Maintenance Operatives are also included within this term. Where a problem is specific to one or more of these vulnerable groups then appropriate reference will be made in the report.
- 1.6 Any recommendations included within this report should not be regarded as being prescriptive design solutions to the problems identified. They are intended only to indicate a proportionate and viable means of eliminating or mitigating the identified problem, in accordance with GG119, and in no way imply that a formal design process has been undertaken. There may be alternative methods of addressing a problem which would be equally acceptable in achieving the desired elimination or mitigation and these should be considered when responding to this report.
- 1.7 This Road Safety Audit makes allowance for the fact that strategic decisions on matters such as route choice, junction type, standard of provision and approved Departures from Standards already reflect an appropriate balance of a number of factors including road safety.
- 1.8 The Audit Team have not been made aware of any possible geometric departures or relaxations from standards.
- 1.9 The reader is reminded that a Road Safety Audit is not limited to the new works alone where there are features that are considered by the Audit Team to affect the general safety in the area. Section 3 of this report lists ‘Problems’ identified from the drawings and as a result of the site visit relating to the proposed changes to the highway layout that are directly, or indirectly, related to the area (e.g. features/matters within the proposed works or immediate surrounds which the Audit Team feel should be brought to the attention of the Designer or other organisations even though they might not pose an immediate risk associated with the proposed works), and which are considered by the Audit Team to warrant attention under the subject proposals, generally by the maintaining authority. On occasions there are more sensitive issues or issues that fall outside the audit brief but which are of such a nature that Auditors feel should be specifically brought to the attention of the authorities - such issues, if they arise, are usually dealt with in detail in separate correspondence.

2 ITEMS RAISED BY PREVIOUS AUDITS AND REPORTS

- 2.1 It is understood that no previous road safety audits have been undertaken in relation to this scheme.

3 ITEMS RAISED BY THIS AUDIT

3.1 General

3.1.1 PROBLEM

LOCATION: Proposed junction

SUMMARY: Insufficient manoeuvring space

It is unclear as to whether large vehicles such as refuse or HGV delivery vehicles can negotiate the proposed junction without risk of kerb strikes or verge overrunning which could result in loss of control or conflicts.

RECOMMENDATION

Undertake swept path analysis to determine the exact nature of the problem. If necessary, the geometry should be altered to allow for sufficient manoeuvring space for all type of visiting vehicles.

3.2 Non Motorised Road User Provision

3.2.1 PROBLEM

LOCATION: West End Lane – Proposed footway

SUMMARY: Risk of pedestrian conflicts due to footway width

Concern is expressed that the proposed 1.5 metre wide footway link may not be sufficiently wide enough to allow two-way pedestrian flow, particularly in consideration of pushchair and wheel chair users and could encourage pedestrians to travel within the live carriageway risking conflicts with passing traffic or risk trips or falls whilst attempting to negotiate a full height kerb.

RECOMMENDATION

Further analysis should be undertaken to determine the likelihood of two-way pedestrian occurring within the link. If necessary, the footway should be suitably widened to allow for two-way pedestrian flow.

3.3 Road Signs and Markings

No comments at this stage

3.4 Lighting and Signals

No comments at this stage

3.5 Landscaping

No comments at this stage

3.6 Protective Aids

No comments at this stage

3.7 Surface Characteristics and Drainage

No comments at this stage

4 AUDIT TEAM STATEMENT

We certify that this Audit has been carried out in accordance with the guidelines in GG119.

AUDIT TEAM LEADER

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Director
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Signed:



Date:

31/07/23

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Date:

31/07/23

AUDIT TEAM OBSERVER

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Road Safety Auditor
Highway Associates

AUDIT TEAM OBSERVER

Natasha Madhavan
Road Safety Auditor
Highway Associates

APPENDIX A

DRAWINGS AND DOCUMENTS PROVIDED

-  22-070 - Audit Brief (1.5m Footway Option).docx
-  objection to proposed traffic improvements.docx
-  22-070 - Transport Statement_v1 - January 2023.pdf
-  22-070-SK04.pdf
-  Land at Hollands Rd, Henfield.pdf

APPENDIX B

PLAN OF ITEMS RAISED BY THIS AUDIT

